

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

1. (Currently Amended) A method of producing a laminated packaging material for liquid food packaging comprising a core layer of paper or paperboard and a gas barrier layer applied on one side of the core layer, wherein a liquid barrier composition including a dispersion or solution of a polymer is applied as a the barrier layer on at least one side of a carrier layer and is dried during heating for driving off liquid at a first drying temperature in a first step, and that the carrier layer with the applied, dried barrier layer is combined and permanently united with one side of the core layer in a second step, whereafter the dried barrier layer is cured by heating to above a second temperature being higher than the first temperature, in a third step.
2. (Previously Presented) The method as claimed in Claim 1, wherein the carrier layer bearing at least one dried barrier layer is combined and united with the core layer by extrusion of a layer of thermoplastics therebetween.
3. (Previously Presented) The method as claimed in Claim 1, wherein said barrier layer is applied on the carrier layer by means of liquid film coating with said liquid barrier composition.

4. (Currently Amended) The method as claimed in Claim 1, wherein said liquid barrier composition applied as a barrier layer includes a polymer with functional ~~hydroxyl~~ hydroxyl groups.

5. (Currently Amended) The method as claimed in Claim 4, wherein said polymer with functional hydroxyl groups is selected from ~~among~~ the group consisting of polyvinyl alcohol, ethylene vinyl alcohol, starch, starch derivatives, carboxyl methyl cellulose and other cellulose derivatives, ~~or~~ and a mixture of two or more thereof.

6. (Currently Amended) The method as claimed in Claim 1, wherein said liquid barrier composition applied as a the barrier layer is dried at a web surface temperature of approx. 80-160°C.

7. (Currently Amended) The method as claimed in Claim 1, wherein said liquid barrier composition applied as the barrier layer also includes a polymer with functional carboxylic acid groups.

8. (Currently Amended) The method as claimed in Claim 7, wherein said polymer with functional carboxylic acid groups is selected from ~~among~~ the group consisting of ethylene acrylic acid copolymer and ethylene metacrylic acid copolymer ~~or~~ and mixtures thereof.

9. (Currently Amended) The method as claimed in Claim 8, wherein said barrier layer ~~substantially consists of~~ is a mixture of polyvinyl alcohol and ethylene acrylic acid copolymer.

10. (Currently Amended) The method as claimed in Claim 8, wherein said barrier layer ~~substantially consists of~~ is a mixture of polyvinyl alcohol, ethylene acrylic acid copolymer and an inorganic laminar compound.

11. (Currently Amended) Previously Presented) The method as claimed in Claim 7, wherein the dried barrier layer is cured at a ~~web surface~~ temperature of up to 200°C, ~~preferably approx. 170-190°C.~~

12. (Previously Presented) The method as claimed in Claim 1, wherein said barrier layer is applied on the carrier layer in an amount of approx. 1-10 g/m², based on dry coating weight.

13. (Previously Presented) The method as claimed in Claim 1, wherein said carrier layer consists of thin paper optionally coated with a layer of plastics or of a plastics film.

14. (Previously Presented) The method as claimed in Claim 1, wherein said carrier layer consists of paper with a grammage of approx. 5-35 g/m².

15. (Currently Amended) The method as claimed in Claim 1, wherein outer layers of thermoplastics, ~~preferably polyethylene~~, are applied on the barrier layer and the core layer by means of extrusion.

16. (Currently Amended) The method as claimed in Claim 4 2, wherein the layer of plastic applied between the core layer and the carrier layer includes a substance functioning as light barrier.

17. (Previously Presented) A laminated packaging material, wherein it is produced by the method as claimed in Claim 1.

18. (Previously Presented) A packaging container, wherein it is produced by fold formation of a sheet or web-shaped laminated packaging material as claimed in Claim 17.

19. (New) The method as claimed in Claim 11, wherein the dried barrier layer is cured at a temperature of approx. 170-190°C.

20. (New) The method as claimed in Claim 15, wherein the outer layers of thermoplastics include polyethylene.